

ACTIVE CRADAs

| PIQ/Cont# | Sponsor | Title |
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| C-00-04 | Excom, Inc. | Development of Application of Pattern Recognition System |
| C-02-09 | Johnson & Johnson Pharmaceutical R&D, LLC | Radiotracer Synthesis and PET Imaging Evaluation for Brain Histamine Receptors |
| C-02-11 | Radiation Monitoring Devices | Development of Field-Portable CdZnTe (CZT) Radiation Detectors to Monitor and Localize Special Nuclear Materials |
| C-03-03 | Aquila Technologies Group, Inc. | Development of an Unattended Multi-Object Recognition System for Remote Surveillance "MORS" |
| C-03-04 | Clear Vascular | Development of High-Specific Activity and No-Carrier-Added Tin-117m for Radionuclide Therapy of Cancer |
| C-03-07 | Brookhaven Technology Group, Inc. | Development of a 1 MV Tandem Accelerator System for Boron Neutron Capture Therapy, Explosives Detection, and Other Proton Beam Based Applications |
| C-03-08 | Flowserve Corporation | Development of Advanced Centrifugal Pumps |
| C-03-09 | PVI Vacuum System Technology | Highly Stripped Ion Sources for MeV Ion Implanters |
| C-03-10 | RMD and GMI | Development of Portable Gamma-Ray Spectrometers Using CZT Technology for IAEA Inspection Applications |
| C-03-11 | Ion Focus Technology, Inc. | Miniature Neutron Generator for Brachytherapy Tumor Treatment |

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| C-03-14 | SpectraQuest, Inc. | Development of Laser Ultrasonic Device for Residual Stress Measurement in Welded Structures |
| C-04-05 | NorthWest Nuclear, LLC | Development and Manufacturing of CBAT System |
| C-04-08 | AgCert Services, Inc. | Development of Monitoring & Verification Technology (MVT) for Carbon Sequestration in Terrestrial Ecosystems: Instrumentation and Protocols |
| C-04-10 | First Solar, LLC | Life Cycle Analysis and Recycling of CdTe Solar Modules |
| C-04-13 | XIA LLC | Multiple-Input Data Acquisition System (MIDAS) for Measuring the Carbon Content in Soil Using Inelastic Neutron Scattering |
| C-05-01 | Battelle Memorial Inst. | Developing Environmentally Beneficial Secondary End-Use Applications for Kazakhstan By-Product Sulfur Waste |
| C-05-05 | Westinghouse Electric Company | Design and Prototype Qualification of a Facility for the Production of Enriched Boron |
| C-05-09 | Toyota Motor Corporation | Investigation of New Pt Monolayer Electrocatalysts for O ₂ Reduction |
| C-05-11 | Dow AgroSciences | Palmitoleic Acid Project |
| C-05-14 | Clear Vascular | Evaluation of Electroplating Technology for Developing Tin-117m Coated Stents |

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| C-05-15 | MER Corporation | New electrolytes and electrolyte additives to improve the low temperature performance of lithium-ion batteries |
| C-05-16 | Ward's Natural Science | Educational Science Kits |
| C-05-17 | Morvus Technology Ltd | Evaluation of Compounds for X-Ray Radiation Therapy |
| C-05-19 | Cambridge Environmental, Inc. | Development of a Methodology and Software for Risk-Based Landuse Planning and Decision Support |
| C-05-21 | BioGenesis Enterprises, Inc. | Application of Polymeric Agents for Improved Soil Decontamination |
| C-05-23 | Hybridyne Imaging Technologies | Development of Compact Gamma Camera for Detection of Prostate Carcinoma |
| C-05-25 | Battelle Memorial Inst. | Piezoelectric Polymer Nanocomposites |
| C-06-03 | Tech Etch, Inc. | Commercial and Cost Effective Production of Gas Electron Multiplier (GEM) Foils |
| C-06-05 | Aspen Aerogels, Incorporated | Novel Silica Aerogel Panels as Radiators for Cherenkov Detectors |
| C-06-06 | Applied Plasma Technologies | Development and Validation of Plasma Fuel Nozzles for Gas Turbine and Boiler Applications |

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| C-06-08 | CFD Research Corporation | Improved Design of Active Pixel CMOS Sensors for Charged Particle Detection |
| C-06-09 | General Motors Corporation | Platinum Monolayer Electrocatalysts for O2 Reduction: Characterization and Synthesis Scale-up |
| C-06-10 | HTS-110 Ltd | Feasibility Study for High Temperature Superconductor Retrofit of VUV-Dipole Magnets |
| C-06-12 | American Superconductor, Inc. | Study of the Nucleation and Growth of YBCO on Oxide Buffered Metallic Tapes |
| C-06-13 | Tech-X Corporation | Grid Service for User-Centric Job |
| C-06-14 | Radiation Monitoring Devices | Fast Dense Low cost Scintillator for Nuclear Physics |
| C-07-01 | General Motors Research Laboratories | Planned Development of Hydrogen Storage Media for Automotive Applications |
| C-07-02 | BEAM Corp. | Structural Innovation of Light Valves and Spatial Light Modulators |
| C-07-03 | General Motors Corporation | Development of Environmentally Friendly Dry Machining Process |
| C-07-04 | CeNeRx BioPharma, Inc. | PET Studies of CX-157 |

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| C-07-05 | Stony Brook Foundation | New York Center for Computational Sciences |
| C-07-06 | General Motors Corporation | Development of High-efficiency Thermoelectric Materials for Vehicle Waste Heat Utilization |
| C-07-07 | Bayer BioScience N.V. | Oleochemical Targets in Plants |
| C-07-08 | eV Products, Inc. | Low-power CPG ASIC |
| C-07-10 | Valeant Pharmaceuticals International | PET Studies of Zelapar |
| C-07-11 | Battelle Memorial Inst. | Air Cargo Multi-Lab CRADA |
| C-08-01 | UTC Power Corporation | Develop Novel Pt Monolayer Electrocatalysts to Facilitate Oxygen Reduction Reaction (ORR) for PEM Fuel Cells |
| C-08-02 | Orexigen Therapeutics, Inc. | Study of the Effect of Naltrexone SR and Bupropion SR combination therapy (CONTRACE TM) in Functional Magnetic Resonance Imaging (fMRI) Changes in Subjects with Uncomplicated Overweight or Obesity |
| C-08-05 | PVI Vacuum System Technology | High Current Low Energy Beam Transport for Ion Implanters |